

STATE OF WASHINGTON  
**DEPARTMENT OF FISH & WILDLIFE**  
**LANDS AND RESTORATION SERVICES PROGRAM**  
Salmonid Screening, Habitat Enhancement &  
Restoration Division (SSHEAR)

**OFF-CHANNEL SITE INVENTORY DATA**

**General Information:**

<b>Region:</b> North Coast	<b>Observer(s):</b> Powell
<b>River System:</b> Sol Duc	<b>Date:</b> 3/12/97
<b>Site Identifier:</b> S-345L-02	<b>WRIA:</b> 20.0345B (P)
<b>River Mile Location:</b> ~0.11 (hip chained)	<b>RB/LB:</b> RB
<b>Local Name:</b> Unnamed	<b>Trib. to:</b> Unnamed (20.0345)
<b>Legal Description:</b> NE¼ Sec 33 T30N R10W	<b>County:</b> Clallam
<b>Habitat Type:</b> Terrace tributary	
<b>Landowner:</b> (X) Federal ( ) State ( ) County ( ) Other Government ( ) Private - Olympic National Park - Possibly M&R Timber Co. or National Forest land near egress.	

**Directions to site:**

Starting at Forks (Tillicum Park) drive north on Highway 101 for 24.4 miles to F.S. 2918 and take a right on this road. Follow this road for 2 miles. The channel crossing the road at this point is S-0345. Upstream (< 5m), the channel forks and the left bank fork is S-345L-02.

**Site Overview:**

This small, moderate gradient channel is more characteristically a resident trout stream. It is doubtful that coho migrate above the boulder/cascades on S-0345 which is downstream of this channel.

**Habitat Information:**

**Water source:** Surface runoff and road runoff

**Intermittent/year-around:**

- Year-around

**Estimated flows (cfs):** 1

**Water temperatures:** 5.0° C

**Adjacent stream temperature:** 5.0° C (20.0345)

**Other water observations:** Water is clear

**Site area measurements:** ( ) Indirect (X) Direct ( ) Combination

Widths: Channel- 0.5 m - 1.2 m Ponds- NA Wetlands- NA

Depths: Channel- 5 cm - 15 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 100+ m (trout habitat above end point)

**Total existing habitat area (est.):** 85 m<sup>2</sup>

Spawning area: 0

Impounded area: 0

Other rearing area: 85 m<sup>2</sup>

**Spawning Habitat conditions:** ☐ None ☒ Poor ☐ Fair ☐ Good ☐ Excellent

**Describe spawning habitat:**

- There is gravel in this channel but it is more conducive to resident trout spawning.

**Rearing habitat conditions:** ☐ None ☒ Poor ☐ Fair ☐ Good ☐ Excellent

**Describe pond and other rearing habitat:**

- This channel appears to experience moderate to high flushing flows.
- Upstream of FS 2918 road, the channel flows through a conifer forest with overhang and some LOD.
- Above the Hot Springs Road (end of survey), the gradient appears to be moderate and could possibly support resident trout.

**Describe inaccessible habitat:**

- The culvert on the FS 2918 road (S-0345) has 3+ foot plung.

**Describe wetland:** ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☐ Forested Wetland

- None

**Flooding potential:** ☒ Low ☐ Medium ☐ High

- None

**Fish Information:**

**Site entry condition to (20.0345):** ☐ Poor ☐ Fair ☒ Good

- The channel egresses into S-0345 a few meters upstream of FS 2918 road.

**Coho access and use:**

- Juvenile- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good
- Adult- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good
- It is unlikely that coho would utilize this channel.

**Other species access and use:** ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

- A small cutthroat was minnow trapped in near the confluence with S-0345.

**Habitat Improvements:**

**Enhancement opportunities:**

- Replace culvert on the FS 2918 road.

**Attachments Available:**

**Contact respective SSHEAR habitat biologist for the following checked items:**

- |                                             |                                            |                                                       |                                         |
|---------------------------------------------|--------------------------------------------|-------------------------------------------------------|-----------------------------------------|
| <input checked="" type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps              | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references   | <input type="checkbox"/> Spawning surveys  | <input checked="" type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |

**NORTH COAST OFF CHANNEL SURVEY**  
**SUBSEQUENT SITE EVALUATION FORM**

**River System:** Sol Duc

**Site No.:** S-345L-02  
**Site Name:** Unnamed  
**WRIA:** 20.0345B (P)

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**DATE:** 3-14-97

**OBSERVER:** Powell

**MINNOW TRAPPING REPORT**

TRAP	DATE		DATE	TEMP	CATCH		RBT	CUTT	COTTID
	SET	TEMP	PULLED		COHO	MRK			
					UMRK	MRK			
1	3/13	5.0°C	3/14	4.0°C	0	0	0	1	0
TOTALS:					0	0	0	1	0

**COMMENTS:**

-Trap 1 was placed ~10 m from confluence of S-0345, near the upstream end of FS 2918 road culvert.

**DATE:** 8-28-97

**OBSERVER:** Powell

We have had a dry spell for ~6 week and then ~2 inches of rain; this channel was running ~0.75 CFS.

RIVER: SOL DUC

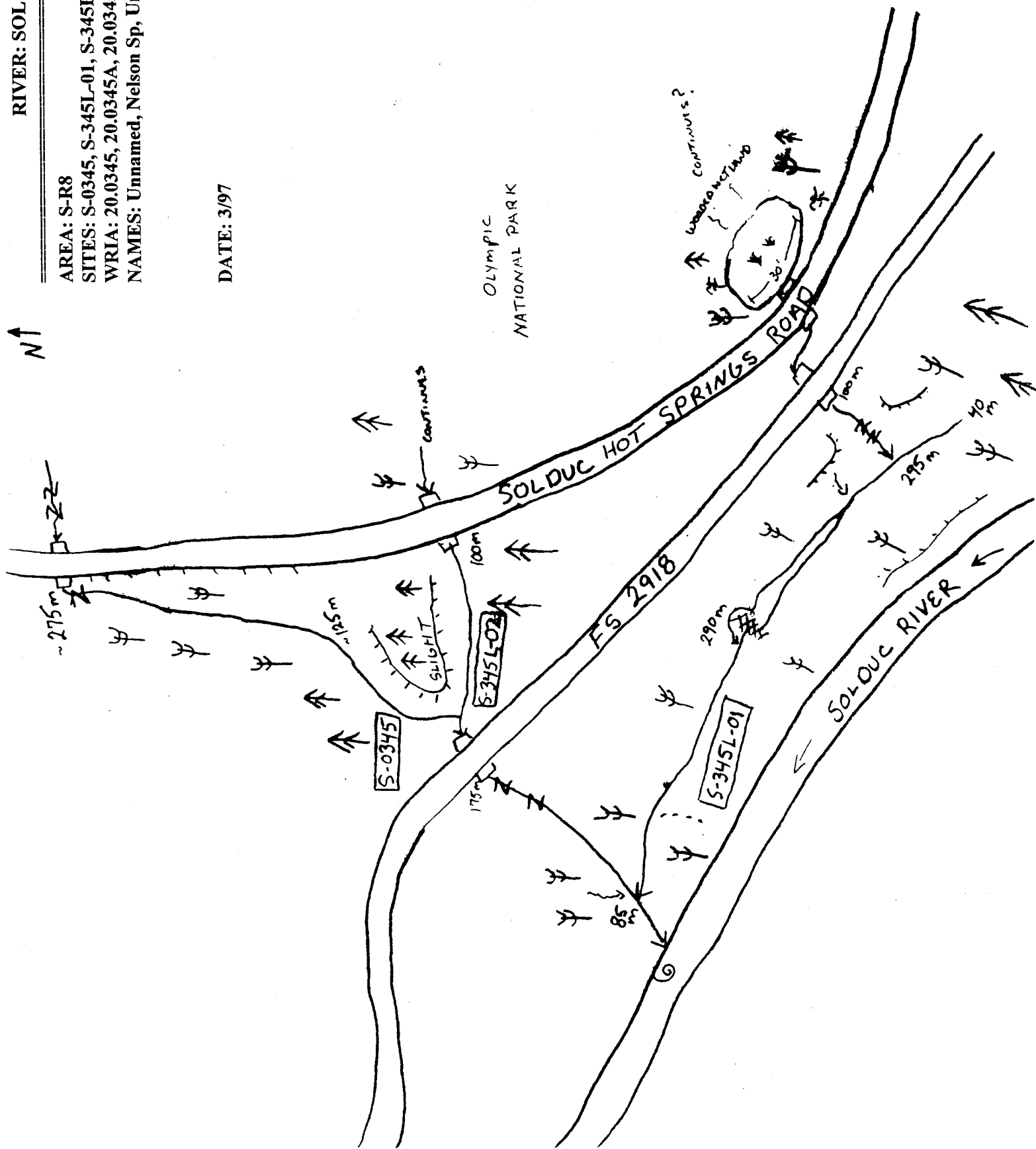
AREA: S-R8

SITES: S-0345, S-345L-01, S-345L-02

WRIA: 20.0345, 20.0345A, 20.0345B

NAMES: Unnamed, Nelson Sp, Unnamed

DATE: 3/97





## AREA MAP